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Dated: April 18, 2012 Signature: /MLZ/  
(Maria Laccotripe Zacharakis, Ph.D., J.D.)

Docket No.: 118160-00301

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Mukamolova, *et al.*

Application No.: 09/445,289

Confirmation No.: 9774

Filed: May 11, 2000

Art Unit: 1645

For: BACTERIAL PHEROMONES AND USES  
THEREFOR

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Examiner: S. Devi

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

Dear Sirs:

This communication is responsive to the Final Office Action mailed from the United States Patent and Trademark Office on January 18, 2012. Please amend the above-identified patent application as follows:

**Amendments to the Claims** begin at page 2 of this paper.

**Remarks/Arguments** begin at page 7 of this paper.